

## SPRING CHECKUP - Now's a good time to inspect your UV system

Routine preventative maintenance will help to ensure that your UV disinfection system continues to operate as effectively and efficiently as possible.

**Here's a handy list of some of the tasks that we recommend doing around this time of the year:**

### System Controls & Electrical

- Inspect sealing of enclosures
- Check all electrical connections and tighten as necessary
- Confirm breakers are on, fuses in place
- Review current alarm status
- Confirm lamps and drivers are operational
- Confirm controls system is in the correct mode of operation

### Hydraulics

- Check pump and hoses for leaks, verify the Hydraulic system Center (HSC) reservoir level
- Replace hydraulic oil filter
- Check hydraulic pump pressure
- Confirm wiping time for the sleeve cleaning system
- Confirm hydraulic system is in the correct mode of operation

### Cooling System (TrojanUV4000™ only)

- Inspect coolant pumps and hoses for leaks
- Verify operating pressure
- Confirm hydraulic operation
- Verify the coolant reservoir level
- Check coolant pH and water/glycol ratio

### UV Modules

- Inspect module cables for wear or damage, particularly the connector
- Inspect lamp sockets and lamp/socket orientation
- Confirm output of UV intensity sensors
- Check that all sleeve nuts are tight and secure (TrojanUV3000Plus™ and TrojanUV4000™ only)
- Inspect quartz sleeves for fouling
- Inspect for moisture inside of quartz sleeves (if any moisture is found, dry and replace the sleeve O-ring)
- Inspect and replace the wiper seals as required
- Fill the wiper collars with ActiClean™ gel
- Grease hydraulic cylinders (for TrojanUV3000Plus™ and TrojanUVSigna™ only)

### Peripheral Equipment / Other

- Inspect / clean UVT analyzer and confirm service is up to date
- Verify low water level shutdown sensor operation
- Inspect Automatic Level Control (ALC) or Motorized Weir Gates for proper operation – perform recommended maintenance as per O&M manual
- Confirm grout/seals are intact
- Check channel cleanliness
- Inspect condition of winch, including pendant, cable, etc. (TrojanUV4000™ only)

**Remember to read all user documentation before performing operations, inspections, repair, or maintenance on your UV system.**

For more information, reach out to your regional Trojan representative, or contact your Trojan Account Manager at:

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